

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-22 (Canceled).

23 (Currently amended). A method for transmitting data, said method comprising:

- (a) defining a first average rate to transmit a first plurality of packets of said data for presentation at a receiver;
- (b) defining a second average rate to transmit a second plurality of packets of said data comprising a plurality subset of said first plurality of packets, wherein said second plurality of packets is less than said first plurality of packets, wherein said second average rate is greater than said first average rate;
- (c) transmitting said second plurality of packets from a transmitter to ~~[[a]]~~ said receiver over a wireless interconnection.

24 (Previously presented). The method of claim 23 wherein said second plurality of packets are provided to said transmitter at the maximum rate.

25 (Previously presented). The method of claim 23 wherein said second plurality of packets are provided as a burst of packets with at least two packets transmitted in a back-to-back fashion without other packets between them.

26 (Previously presented). The method of claim 23 wherein said wireless interconnection is IEEE 802.11 compliant.

27 (Previously presented). The method of claim 23 wherein all packets of said second plurality of packets contain at least one of audio data and video data.

28 (Previously presented) The method of claim 23 wherein said second plurality of packets is transmitted in a duration less than 1 second.

29 (Previously presented). The method of claim 23 wherein said transmitting is by an APPLICATION LAYER.

30 (Previously presented). The method of claim 23 wherein said transmitting is by a transport layer.

31 (Previously presented). The method of claim 23 wherein said transmitting is by a network layer.

32 (Previously presented). The method of claim 23 wherein the arrival times of a plurality of said second plurality of packets at the receiver are used to estimate the available bandwidth of said wireless interconnection.

33 (Previously presented). The method of claim 23 wherein steps (b) and (c) are performed a plurality of times over a time period.

34 (Previously presented). The method of claim 23 wherein said first average rate is equal to the bit rate of the data source.

35 (Currently amended). A method of transmitting a contiguous sequence of data, said method comprising:

- (a) defining a transmission rate to transmit a plurality of packets of said contiguous sequence data wherein said transmission rate is greater than the average rate for transmitting said data to a receiver;
- (b) transmitting said plurality of packets of said data over a wireless interconnection wherein all packets contain at least one of audio data and video data.

36 (Previously presented). The method of claim 35 wherein said plurality of packets are provided to said transmitter at the maximum rate.

37 (Previously presented). The method of claim 35 wherein said plurality of packets are provided as a burst of packets with at least two packets transmitted in a back-to-back fashion without other packets between them.

38 (Previously presented). The method of claim 35 wherein said wireless interconnection is IEEE 802.11 compliant.

39 (Previously presented). The method of claim 35 wherein said plurality of packets is transmitted in a duration less than 1 second.

40 (Previously presented). The method of claim 35 wherein said transmitting is by

an APPLICATION LAYER.

41 (Previously presented). The method claim 35 wherein said transmitting is by a TRANSPORT LAYER.

42 (Previously presented). The method of claim 35 wherein said transmitting is by a NETWORK LAYER.

43 (Previously presented). The method of claim 35 wherein the arrival times of a plurality of packets of said plurality of packets at the receiver are utilized to estimate the bandwidth available for transmitting said data.

44 (Previously presented). The method of claim 35 wherein said average rate is equal to the bit rate of the source data.

45 (Previously presented). The method of claim 43 further comprising performing said transmitting and said estimating a plurality of times over a time period.

46-96 (Canceled).